Crestron IM-TCC

MediaManager

iMedia Table Mount Computer Center

Crestron's iMedia provides an extremely simple and affordable computer presentation solution for small conference rooms and training rooms. No comparable solution comes close to matching iMedia's speed and ease of installation, intuitive operation, and incredibly low cost.

The iMedia Transport—The iMedia transport utilizes a single CAT5e* cable to transmit computer RGB and stereo audio signals to a single projector or plasma display. A typical XGA signal (1024 X 768 pixels at 60Hz) can be transmitted up to 84 feet using iMedia, while higher resolutions up to 1600 x 1200 can be handled over shorter distances. Audio is transmitted digitally at 20-bit, 48 kHz resolution. Control and power signals are also contained on the same wire, eliminating the need for separate control or power cables.

Table Mount Computer Interface—The IM-TCC is an iMedia (IM) transmitter designed to install flush in any flat surface or underneath a tabletop using the mounting brackets provided. RGB and stereo audio inputs on the front of the IM-TCC provide for connection to the output of a computer source. Installing wiring for the IM-TCC is extremely simple requiring just a single CAT5e*. Up to three IM-TCC's, or other IM transmitters, may be installed as part of a complete system to provide multiple input locations within the room.

Foolproof Operation—Every iMedia system is easy and intuitive to use. A single press of the large "Select" button on the face of the IM-TCC lowers the screen or lift, turns on the projector (or plasma, etc.) and routes the connected computer signal to the appropriate input. The front panel volume control affords easy adjustment of the audio level, and the entire system can be turned off at any time by simply holding the Select button for 5 seconds.

For systems having more than one IM transmitter, pressing the Select button at a given input location makes that input active, overriding the previously selected input. The audio level for each input location is controlled individually by its respective volume control.

> A flexible computer interface for portable, flush-mount or under-table installation

> Streamlined user controls for foolproof operation

> iMedia Transport for fast and easy single-cable installation

> Supports XGA resolution up to 84 feet, UXGA maximum up to 34 feet

> Complete system setup in minutes using iMedia Wizard Software

SPECIFICATIONS

RGB

Gain: 0dB (75 ohm termination)
Resolution: 1024 x 768 @ 60Hz with maximum cable length of 84 feet, 1600 x 1200 @ 60Hz with maximum cable length of 34 feet; see manual for other resolutions

Audio

D-A Conversion: 20-bit, 48 kHz
Frequency Response: 20Hz to 20kHz

Connectors - Front Panel

COMPUTER: (1) DB15HD female, RGB(VGA) input
Formats: RGBHV, RGBS, RG_SB
Input Impedance: 75 ohms (R, G, and B); 1k ohms (H and V)
Maximum Input: 1 V_{P-P} (R, G, and B); 5 V_{P-P} (H and V)

AUDIO: (1) 3.5mm TRS mini phone jack, unbalanced stereo line-level audio input
Maximum Input Level: 2 V_{RMS}
Input Impedance: 10k ohms

Connectors - Rear Panel

IM: (1) 8-wire RJ45 female, iMedia output port
Connects to IM input port of an iMedia receiver via CresCAT-IM cable or quality CAT5e/CAT6 cable having a delay skew not more than 15nS per 100m

G: (1) 6-32 screw, chassis ground lug

Controls

SELECT: (1) Momentary pushbutton
Momentary press initiates system power "on" command and selects local input; press and hold for 5 seconds or more initiates system power "off"

VOLUME: (1) Rotary knob, adjusts audio level for local input

LED Indicators

SELECT: (green) Indicates system power is on and local input is selected

Environmental

Temperature: 41° to 104° F (5° to 40° C)
Humidity: 10% to 90% RH (non-condensing)

Enclosure

Compact black metal housing suitable for portable free-standing use, flush-mounted in a flat surface, or surface-mounted below a tabletop using universal brackets provided

Dimensions

Height: 1.50 in (3.80 cm)
Width: 6.61 in (16.79 cm) – without mounting brackets
Depth: 3.05 in (7.75 cm)

Weight

1.0 lbs (0.46 kg)

** For iMedia use CresCAT-IM cable, or quality CAT5e/CAT6 cable having a maximum delay skew of 15nS per 100m.*

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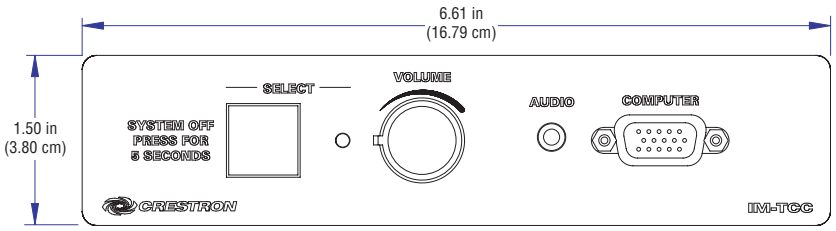
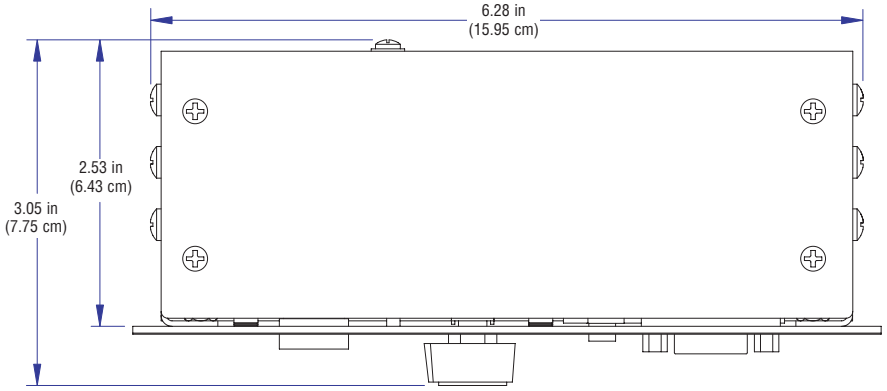
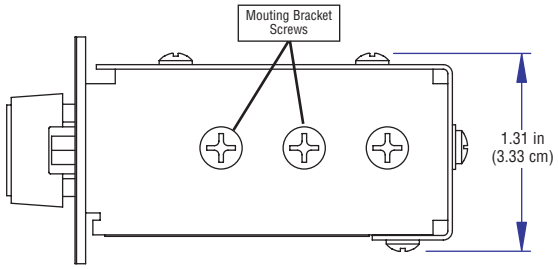


Front View



Top View

Rear View



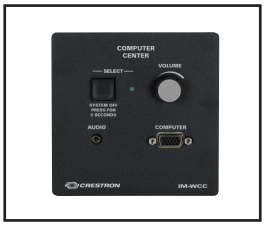
Right Side View

OTHER iMEDIA PRODUCTS

IM-RX1
iMedia Receiver

IM-RX3
iMedia Receiver with 3 IM Inputs

IM-FTCC-B
iMedia FlipTop Computer Center



IM-WCC
iMedia Wall Plate Computer Center

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